

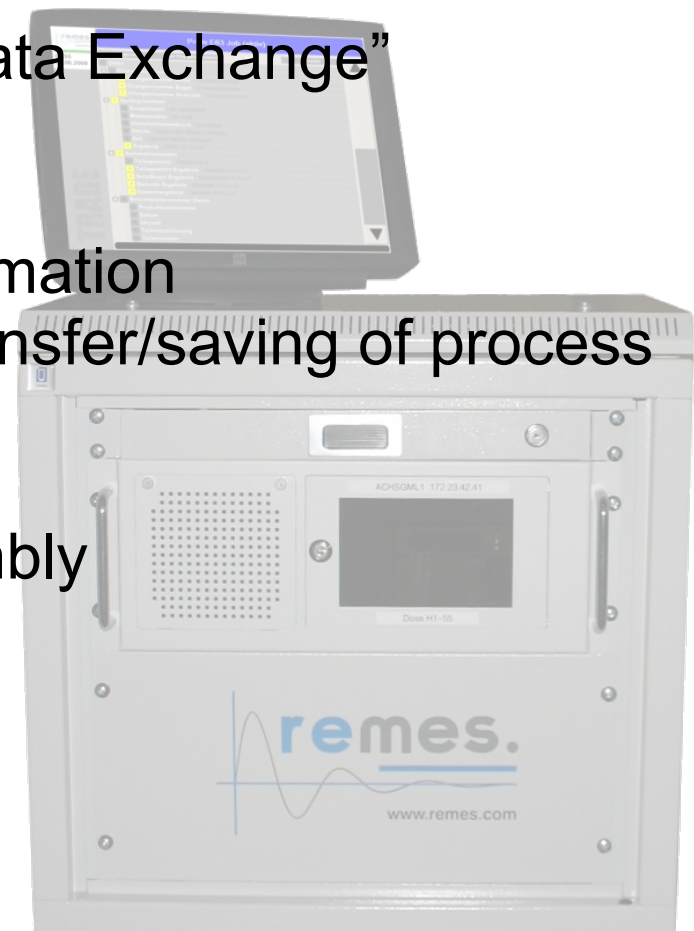


TRADE

TRAceability and **Data** **E**xchange System

TRADE as a Host Computer Application

- TRADE = “Traceability” and “Data Exchange”
- Order management
- Variant support
- Management of assembly information
- Acquisition, preparation and transfer/saving of process and quality data
- Control of test procedures
- Quality assurance of the assembly



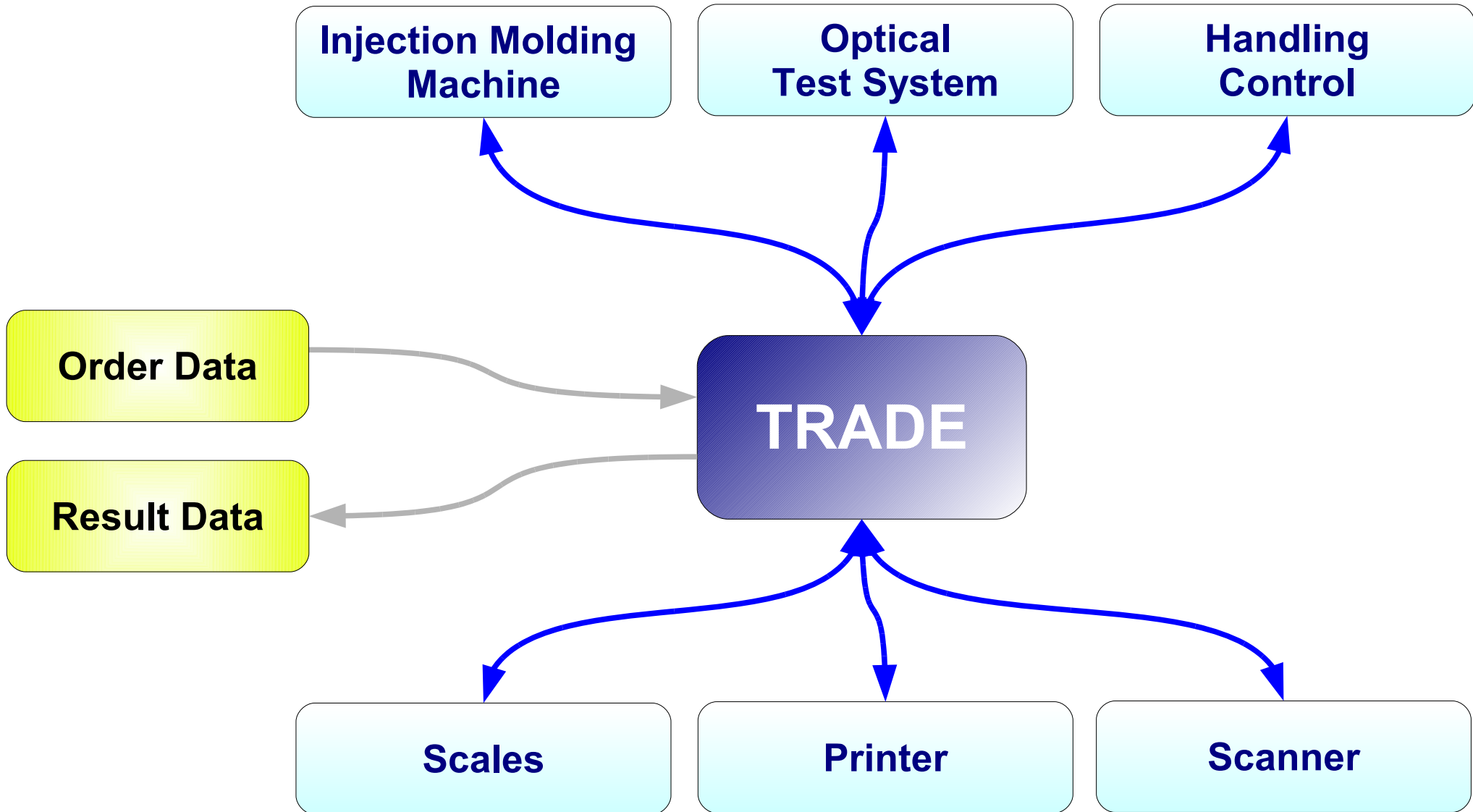
Fields of Application

- As a host computer for complex manufacturing and assembly processes
- In case that existing or future systems do not meet your requirements
- In many fields SPS based control systems are no longer sufficient today.
→ The host computer enlarges the functionality and offers a multitude of additional possibilities.
- Especially with complex assembly processes the information processing is an essential element.

Connection Examples

- Test systems
- Handling and robot controls
- Injection molding machines
- Image processing systems
- Scales
- Printers
- Bar code scanners
- Bar code printers
- ...

Example System Overview



Interfaces

- Serial interfaces (RS-232, RS-485, ...),
- Parallel interfaces
- Ethernet
- Profibus
- Digital I/O
- Analog I/O
- CAN
- ...